

VOLUMETRICALLY EFFICIENT ELECTRONIC CIRCUIT MODULE**Abstract of the Disclosure**

5 A miniaturized microelectronic, hybrid circuit package having either a single or
a multi-layer, flexible, printed circuit substrate with printed conductors interconnecting
a plurality of integrated circuit (IC) dies with a ball grid array (BGA) of contacts. The
IC dies are arranged on parallel strips defined between preferential fold zones formed
in the substrate. The dies are over molded with plastic that is shaped to facilitate the
10 substrate being folded to form a polyhedron. When so folded, the over molded IC dies
face inward and BGA is exposed on an outwardly facing surface to facilitate
attachment of the folded package to a motherboard.